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for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 82]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. Oath or Declaration [Total Pages 12]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76.

ADDRESS TO:
Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program
(Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Other: Authorization under 37 C.F.R. § 1.136(a)(3) (in duplicate)
 Other: Letter to PTO Draftsman: Submission of Formal Drawings w/13 sheets Formal Drawings

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-Part (CIP) of prior application No: _____ / _____
Prior application information: Examiner _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. Attorneys at Law			
ADDRESS	Suite 600, 1100 New York Avenue, N.W.			
CITY	Washington	STATE	DC	ZIP CODE
COUNTRY	USA	TELEPHONE	(202) 371-2600	FAX
NAME (Print/Type)	Steven R. Ludwig		Registration No. (Attorney/Agent)	36,203
SIGNATURE			Date	September 29, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

SKGF Rev 9/19/00 mac 4822appfrm

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid control number.

FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$2,946)

Complete if Known

Application Number	(to be assigned)
Filing Date	(herewith)
First Named Inventor	Thomas J. Gardella et al.
Examiner Name	(to be assigned)
Group Art Unit	(to be assigned)
Attorney Docket No.	0609.4820002/SRL/TBB

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number **19-0036**
Deposit Account Name **Sterne, Kessler, Goldstein & Fox P.L.L.C.**

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other*

*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

FEE CALCULATION**BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	690	201	345
106	310	206	155
107	480	207	240
108	690	208	334
114	150	214	75
SUBTOTAL (1) (\$690)			

EXTRA CLAIM FEES

Extra	Fee from below	Fee Paid
Total Claims 107 - 20** = 87	X 18 = 1566	

Indep. Claims 8 - 3** = 5	X 78 = 390	
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Multiple Dependent 260	= 260	
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** or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description		
103	18	203	9	Claims in excess of 20

102	78	202	39	Independent claims in excess of 3
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104	260	204	130	Multiple dependent claim
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108	78	209	39	**Reissue independent claims over original patent
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110	18	210	9	**Reissue claims in excess of 20 and over original patent
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SUBTOTAL (2) (\$2216)

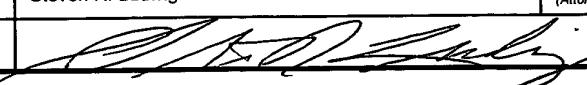
FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for es parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	481	40	Recording each patent assignment per property (times number of properties)	40
146	690	246	345	Filing a submission after final rejection (37 CFR 1.129(a))	
149	690	249	345	For each additional invention to be examined (37 CFR 1.129(b))	
179	690	279	345	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify):					
Other fee (specify):					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$40)

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	Steven R. Ludwig	Registration No. (Attorney/Agent)	36,203	Telephone	202-371-2600
Signature			Date	09/29/00	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

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TARJA H. NAUKKARINEN**

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**REGISTERED PATENT AGENTS



Commissioner for Patents
Washington, D.C. 20231

September 29, 2000

WRITER'S DIRECT NUMBER:
(202) 371-2626

INTERNET ADDRESS:
sludwig@skgf.com

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
Appl. No. (to be assigned); filed (herewith)
For: **Polypeptide Derivatives of Parathyroid Hormone (PTH)**
Inventors: Gardella *et al.*
Our Ref: 0609.4820002/SRL/TBB

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Fee Transmittal (Form PTO/SB/17) (in duplicate);
2. Utility Patent Application Transmittal (Form PTO/SB/05);
3. U.S. Utility Patent Application entitled:

Polypeptide Derivatives of Parathyroid Hormone (PTH)

and naming as inventors:

Thomas J. Gardella
Henry M. Kronenberg
John T. Potts, Jr.
Harald Jüppner

09/29/00
0609.4820002
PRO

Commissioner for Patents
September 29, 2000
Page 2

the application consisting of:

- a. A specification containing:
 - i. 74 pages of description prior to the claims;
 - ii. 7 pages of claims (claims 1-41);
 - iii. 1 page abstract;
- b. Eight (8) sheets of drawings (Figures 1; 2A-2C; 3-5; 6A-6B; 7A-7B and 8); and
- c. A Declaration executed by the inventors (12 sheets);
4. Authorization To Treat a Reply As Incorporating An Extension Of Time Under 37 C.F.R. § 1.136(a)(3) (in duplicate);
5. Recordation Form Cover Sheet (Form PTO-1595);
6. An Assignment to The General Hospital Corporation, recordation of which is hereby respectfully requested;
7. A Preliminary Amendment and Submission of Sequence Listing;
8. A paper copy of the Sequence Listing;
9. The Sequence Listing in computer readable form (3½" diskette in ASCII);
10. Letter to PTO Draftsman: Submission of Formal Drawings;
11. Thirteen (13) sheets of Formal Drawings (Figures 1A-1N; 2A-2C; 3-5; 6A-6B; 7A-7B and 8);
12. Two (2) return postcards; and
13. Our check No. 28944 for \$2,946.00 to cover:

\$ 690.00	Basic filing fee (37 C.F.R. § 1.16(a));
390.00	Independent claims in excess of three (37 C.F.R. § 1.16(b));
1,566.00	Claims in excess of twenty (37 C.F.R. § 1.16(c));
260.00	Multiple dependent claim (37 C.F.R. § 1.16(d)); and
40.00	Assignment recordation fee (37 C.F.R. § 1.21(h)).

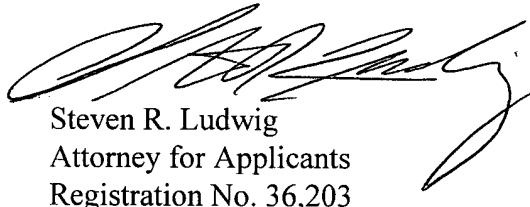
Commissioner for Patents
September 29, 2000
Page 3

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Steven R. Ludwig
Attorney for Applicants
Registration No. 36,203

SRL/TBB/dab
P:\USERS\DENISEB\0609\4822appcov
Enclosures

DECODED - DECODED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC511 U.S. PTO
09/29/2020
09/29/00

In re application of:

Gardella *et al.*

Appl. No. (To be assigned)

Filed: (Hherewith)

For: **Polyptide Derivatives of
Parathyroid Hormone (PTH)**

Art Unit: (To be assigned)

Examiner: (To be assigned)

Atty. Docket: 0609.4820002/SRL/TBB

**Authorization To Treat A Reply As Incorporating An Extension Of Time
Under 37 C.F.R. § 1.136(a)(3)**

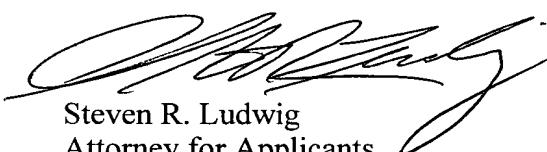
Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Steven R. Ludwig
Attorney for Applicants
Registration No. 36,203

Date: September 29, 2000

1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934
(202) 371-2600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Jc511 U.S. PTO
09/672020
09/29/00

In re application of:

Gardella *et al.*

Appl. No. (To be assigned)

Filed: (Herewith)

For: **Polypeptide Derivatives of
Parathyroid Hormone (PTH)**

Art Unit: (To be assigned)

Examiner: (To be assigned)

Atty. Docket: 0609.4820002/SRL/TBB

Letter to PTO Draftsman: Submission of Formal Drawings

Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Sir:

Submitted herewith are thirteen (13) sheets of formal drawings with Figures 1A-1N; 2A-2C; 3-5; 6A-6B; 7A-7B and 8, corresponding to the informal drawings submitted with the above-captioned application. Acknowledgment of the receipt, approval, and entry of these formal drawings into this application is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Steven R. Ludwig
Attorney for Applicants
Registration No. 36,203

Date: September 29, 2000

1100 New York Avenue, N.W.
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